図面翻訳

FIG. 1

受信 SNR　　　 RECEIVING SNR

5　　　サブキャリア　　　 SUBCARRIER

ユーザ　　　 USER

FIG. 2　Fig. 3　Fig. 4

Fig. 1 に同じ

10　FIG. 5

開始　　 START

S101　　RESEARCH USER k HAVING THE SMALLEST NUMBER OF AVAILABLE SUBCARRIERS

S102　　SELECT SUBCARRIER n FOR USER k

15　　S103　　ALLOCATE SUBCARRIER n TO USER k

終了　　 END

FIG. 6

101-1　MODULATION SECTION

101-N　MODULATION SECTION

20　　102　　IFFT SECTION

103　　GI INSERTION SECTION

104　　TRANSMITTING RF SECTION

106　　RECEIVING RF SECTION

107　　CHANNEL QUALITY INFORMATION PICKING-UP SECTION

25　　108　SUBCARRIER/MODULATION SCHEME ALLOCATION PROCESSING SECTION

109　ALLOCATION RESULT STORAGE SECTION

29

ユーザ   USER

202   RECEIVING RF SECTION

203   GI REMOVING SECTION

204   FFT SECTION

5   205   CHANNEL QUALITY ESTIMATION SECTION

206   EQUALIZER

207 -1   DEMODULATION SECTION

207-N   DEMODULATION SECTION

208   P/S SECTION

10   209   SUBCARRIER AND MODULATION SCHEME ALLOCATION

INFORMATION PICKING-UP SECTION

210   TRANSMITTING RF SECTION

FIG. 7

開始   START

15   S1   ESTIMATE RECEIVING SNR

S2   MAKE RECEIVING SNR TABLE

S3   SET "0" FROM RECEIVING SNR TABLE THRESHOLD

S4   CALCULATE THE NUMBER OF AVAILABLE USERS

S5   WHETHER ALLOCATIONS OF USERS ARE DETERMINED FOR ALL

20   SUBCARRIERS ?

S6   RESEARCH SUBCARRIER n*

S7   SELECT USER k* OF SUBCARRIER n*

S8   ALLOCATE USER k* TO SUBCARRIER n*

S9   EXCLUDE SUBCARRIER n*

25   S10   WHETHER REQUIRED DATA TRANSMISSION RATE OF USER k* IS

SATISFIED ?

S11 EXCLUDE USER k*

S12　WHETHER REQUIRED DATA TRANSMISSION RATES OF ALL USERS ARE
SATISFIED ?

S13　RESUME ALLOCATION OF RESIDUAL SUBCARRIERS

終了　END

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FIG. 8

FIG. 1 に同じ

FIG. 9　FIG. 10

10　　Fig. 1 に同じ